MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

July, 1945

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

JULY 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	53.8	53.0	52.8	53.2	32.8	22.3	28.0	32.1	25.7	28.6
2	2.7	2.4	2.4	2.5	32.7	23.2	27.6	31.7	26.9	28.7
3	2.8	2.5	2.7	2.7	33.3	22.5	28.8	32.2	26.6	29.2
4	3.6	4.1	5.3	4.3	33.7	21.7	28.0	32.2	27.2	29.1
5	7.1	7.3	7.6	7.3	33.3	23.7	27.8	32.3	26.5	28.9
6	57.6	57.2	56.8	57.2	32.9	23.1	28.3	32.4	26.1	28.9
7	5.6	5.0	4.8	5.1	32.7	23.2	27.1	32.1	26.6	28.6
8	4.3	4.4	4.7	4.5	32.3	22.2	28.8	31.6	26.6	29.0
9	3.8	3.6	4.1	3.8	33.9	23.8	28.7	32.8	26.7	29.4
10	3.8	3.6	3.0	3.5	36.6	26.8	28.6	35.6	28.8	31.0
11	53.6	54.7	53.6	54.0	36.4	24.2	30.9	35.0	29.4	31.8
12	5.6	6.0	6.2	5.9	34.7	23.6	30.6	33.8	28.8	31.1
13	4.6	3.6	3.8	4.0	33.3	23.1	28.8	32.5	26.7	29.3
14	3.7	3.6	3.8	3.7	33.6	23.3	27.8	32.7	26.9	29.1
15	4.8	5.7	6.1	5.5	33.5	22.9	29.4	32.7	27.2	29.8
16	56.9	56.4	56.6	56.6	33.3	25.0	28.3	32.8	28.9	30 0
17	5.4	5.0	4.4	4.8	33.7	24.0	29.4	33.1	26.7	29.7
18	3.6	3.3	3.6	3.5	33.6	25.1	28.2	33.2	28.4	29.9
19	4.7	4.3	4.7	4.6	34.4	22.9	27.8	33.0	27.3	29.4
20	4.6	4.3	4.3	4.4	33.4	23.9	27.6	32.9	26.9	29.1
21	54.1	54.1	54.7	54.3	34.7	23.9	28.4	33.4	27.8	29.9
22	4.8	4.9	5.0	4.9	35.1	24.0	27.8	34.8	29.4	30.7
23	4.9	5.2	6.2	5.4	35.1	23.7	30.6	34.9	28.9	31.5
24	4.4	3.6	3.9	4.0	34.4	23.3	28.0	33.4	27.3	29.6
25	3.9	3.7	3.5	3.7	34.4	23.9	27.8	33.6	27.7	29.7
26	53.9	53.7	53.0	53.6	34.3	23.9	28.3	33.6	28.3	30.1
27	2.6	2.7	2.1	2.5	34.4	23.4	29.7	33.9	30.3	31.3
28	2.2	3.1	3.6	3.0	35.2	25.1	28.8	34.5	28.7	30.7
29	4.2	4.4	4.3	4.3	35.3	24.2	28.9	34.8	28.7	30.8
30	2.7	2.3	1.4	2.1	34.8	25.2	28.6	34.1	28.3	30.3
31	1.3	0.7	1.0	1.0	35.1	24.4	28.6	34.3	28.3	30.4
	54.24	54.14	54.19	54.18	34.09	23.72	28.58	33.29	27.69	29.85

Barometer, range for month 750.7 — 757.6 mm.
,, 62-yr. average for month 755.54 mm.
Thermometer, range for month 21.7°C. — 36.6°C
,, 62-yr. average for month 27.92° C.
Rain, total for month 0.0 m.m.
,, 62-yr. average for month 0.51 m.m.
,, Total, Sept. 1st. to end of month 1077.72 mm.
,, 62-yr. average, Sept. 1st. to end of month 884.43 mm.

* Beirut Summer Time

JULY 1945

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	19.1	19.8	19.6	19.5	68	56	79	68	13.5	211.0	
2	18.0	19.2	19.7	19.0	65	55	75	65	12.5	124.0	
3	19.3	20.1	19.9	19.8	65	56	76	66	12.8	138.0	
4	19.1	19.2	19.7	19.3	68	54	74	65	12.6	80.0	
5	17.5	16.7	16.6	16.9	63	46	64	58	12.8	116.0	
6	15.7	16.3	16.9	16.3	55	45	67	56	11.5	67.0	
7	16.4	16.2	17.9	16.8	61	46	68	58	10.5	174.0	
8	18.0	20.5	17.6	18.7	61	58	68	62	12.5	109.0	
9	20.0	20.5	19.8	20.1	68	51	76	65	13.3	48.0	
10	16.4	22.4	20.3	19.7	56	51	68	58	13.1	72.0	
11	21.6	25.0	23.6	23.4	65	60	77	67	13.0	100.0	
12	20.3	20.7	21.5	20.8	62	53	72	62	13.4	628.0	
13	18.0	19.0	19.6	18.9	61	52	75	63	13.4	343.0	
14	18.5	17.9	18.5	18.3	67	48	70	62	13.5	209.0	
15	17.7	18.5	19.2	18.5	58	50	72	60	13.3	333.0	
16	19.1	19.8	17.9	18.9	67	54	60	60	13.1	257.0	
17	19.2	19.1	19.0	19.1	62	50	73	62	10.4	209.0	
18	18.9	20.2	19.4	19.5	67	53	68	63	11.3	177.0	
19	18.0	20.4	19.8	19.4	65	54	74	64	13.1	137.0	
20	19.3	19.2	19.6	19.4	70	51	75	65	12.9	169.0	
21	19.6	20.2	20.7	20.2	68	53	75	65	13.4	161.0	
22	20.7	24.6	20.0	21.8	75	60	64	66	13.1	177.0	
23	20.1	25.3	20.1	21.8	61	60	68	63	13.1	129.0	
24	19.1	20.2	20.3	19.9	68	53	75	65	12.9	51.0	
25	19.7	20.3	20.0	20.0	71	52	72	65	12.5	137.0	
26	20.6	21.2	21.7	21.2	72	55	76	68	12.6	113.0	
27	21.6	25.1	21.3	22.7	69	64	65	66	12.8	109.0	
28	19.7	21.7	18.1	19.8	67	54	61	61	12.8	137.0	
29	18.0	25.3	19.2	20.8	68	60	66	65	12.6	114.0	
30	21.7	21.3	22.3	21.8	74	54	78	69	12.5	200.0	
31	21.5	24.9	21.9	22.8	74	62	77	71	12.5	233.0	
	19.10	20.67	19.73	19.84	65.8	53.8	71.2	63.6	12.69	169.7	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5cu	2cu	0	2.3	2s	1sw	0	calm	F. a.m. over mts.
2	0	9cu	0	3.0	1sw	1sw	1sw	„	
3	1cu	2cu	0	1.0	1sw	2sw	0	„	
4	0	0	0	0.0	1sw	1sw	1sw	„	
5	8cu	2cu	10cu	6.7	1sw	1w	1w	„	
6	4cu	1cu	2cu	2.3	0	1sw	0	light	
7	0	1cu	0	0.3	1sw	2sw	2sw	„	
8	0	0	0	0.0	1sw	1sw	1sw	calm	
9	1cu	0	0	0.3	1sw	1sw	0	„	
10	0	1cu	2cu	1.0	0	1n	2n	light	
11	0	0	0	0.0	1n	1n	1n	slight	
12	0	0	0	0.0	2sw	3sw	2sw	light	
13	0	0	0	0.0	2sw	2w	1w	„	
14	0	0	0	0.0	2sw	2sw	1w	„	
15	0	0	0	0.0	1sw	2sw	1sw	„	
16	1cu	0	4cu	1.7	1sw	2sw	1sw	calm	
17	8cu	2cu	0	3.3	2sw	2sw	1sw	„	
18	0	0	0	0.0	3sw	2sw	2sw	„	
19	0	2cu	0	0.7	2sw	2sw	1sw	slight	
20	1cu	0	0	0.3	1sw	1nw	0	calm	
21	0	0	0	0.0	1sw	1nw	1nw	calm	
22	0	0	0	0.0	2s	2sw	2sw	slight	
23	0	0	0	0.0	2sw	2sw	1sw	calm	
24	0	0	0	0.0	1sw	1sw	0	„	
25	0	0	0	0.0	1sw	2sw	1s	„	
26	0	0	0	0.0	1sw	1sw	1sw	calm	
27	1ci	0	0	0.3	2sw	2sw	1sw	light	
28	0	0	0	0.0	0	2sw	1sw	calm	
29	0	0	0	0.0	2s	1s	1s	slight	
30	0	0	0	0.0	1sw	2sw	0	calm	
31	0	0	0	0.0	1sw	1sw	1sw	„	
				0.74					

* Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	0	0	3	24	0	0	3	31
14:30	2	0	0	0	1	24	2	2	0	31
20:30	2	0	0	0	2	17	2	1	7	31
Totals	5	0	0	0	6	65	4	3	10	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.2 days